

Claim Amendments

Please amend claims 1, 5, 8, 15, 16, and 18 as follows.

B1
1. (Amended) An isolated DNA molecule encoding a mammalian islet cell neogenesis associated protein (INGAP) [protein], wherein the INGAP [protein] has the amino acid sequence shown in SEQ ID NO: 2.

B2
5. (Amended) The vector of claim 4 which comprises [a] an Epstein Barr Nuclear Antigen-Histidine (EBNA His) plasmid.

B3
8. (Amended) The host cell of claim 6 which is a [cos7,African] cos7, African Green Monkey kidney cell.

B4
10. (Twice Amended) The nucleotide probe of claim 9 wherein the nucleotide sequence encoding a mammalian INGAP [gene] has the sequence shown in SEQ ID NO: 1.

15. (Amended) A method of producing a mammalian INGAP [protein], comprising the steps of:

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providing a host cell according to claim 6;
culturing the host cell in a nutrient medium so that the INGAP [protein] is expressed; and
harvesting the INGAP [protein] from the host cells or the nutrient medium.

16. (Amended) A method of producing a mammalian INGAP [protein], comprising the steps of:
providing a host cell comprising the DNA molecule of claim 1;
culturing the host cell in a nutrient medium so that the mammalian INGAP [protein] is
expressed; and

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harvesting the mammalian INGAP [protein] from the host cells or the nutrient medium.

B6

18. (Amended) The DNA molecule of claim 1 wherein the INGAP [protein] is from human.
